



## Author index to volume 310

- Adamo, C., see Di Matteo, A. 310 (1999) 159  
Ågren, H., see Ruud, K. 310 (1999) 215  
Aguilar, M.A., see Sánchez, M.L. 310 (1999) 195  
Allen, J.L., see Williams, K.A. 310 (1999) 31  
Andersson, M., see Granlund, T. 310 (1999) 577  
Andersson, S., see Frank, M. 310 (1999) 229  
Aoiz, F.J., L. Bañares and V.J. Herrero, A theoretical study of the dynamics of the  $O(^1D) + HD$  reaction at 0.196 eV collision energy: comparison with experimental results 310 (1999) 277  
Aoshima, M., T. Suzuki and K. Kaneko, Molecular association-mediated micropore filling of supercritical Xe in a graphite slit pore by grand canonical Monte Carlo simulation 310 (1999) 1  
Apponi, A.J., see Brewster, M.A. 310 (1999) 411  
Arbuznikov, A.V., M. Hendrickx and L.G. Vanquickenborne, Quantum chemical study of the geometric and electronic structure of the  $FeC_2$  molecule 310 (1999) 515  
Ascenzi, D., P.M. Regan and A.J. Orr-Ewing, The ultraviolet photodissociation of DCl: H/D isotope effects on the  $Cl(^2P)$  atom spin-orbit branching 310 (1999) 477  
  
Balasubramanian, K., see Dai, D. 310 (1999) 303  
Bañares, L., see Aoiz, F.J. 310 (1999) 277  
Bardwell, J.A., see Mitchell, S.A. 310 (1999) 361  
Barkai, E. and R. Silbey, Distribution of single-molecule line widths 310 (1999) 287  
Barone, V., see Di Matteo, A. 310 (1999) 159  
Bassi, D., see Tosi, P. 310 (1999) 180  
Bastianoni, S., A. Donati, A. Gastaldelli, N. Marchettini, S. Martini and C. Rossi, A modellistic view of the kinetics of metabolic processes: differences in the glucose and xylose degradation pathway 310 (1999) 38  
Bastianoni, S., see Rossi, C. 310 (1999) 495  
Bäumer, M., see Frank, M. 310 (1999) 229  
Bendazzoli, G.L., see Rossi, E. 310 (1999) 530  
Benedetto, A.F. and R.B. Weisman, Unusual triplet state relaxation in  $C_{60}$  oxide 310 (1999) 25  
Berggren, M., see Granlund, T. 310 (1999) 577  
Biswas, R., J.E. Lewis and M. Maroncelli, Electronic spectral shifts, reorganization energies, and local density augmentation of Coumarin 153 in supercritical solvents 310 (1999) 485  
Björk, G., see Granlund, T. 310 (1999) 577  
Blau, W.J., see Duesberg, G.S. 310 (1999) 8  
Blaudeau, J.-P., S.A. Zygmunt, L.A. Curtiss, D.T. Reed and B.E. Bursten, Relativistic density functional investigation of  $Pu(H_2O)_n^{3+}$  clusters 310 (1999) 347

- Bonechi, C., see Rossi, C. 310 (1999) 495
- Boogaarts, M.G.H., see Engeln, R. 310 (1999) 405
- Børve, K.J., L.J. Sæthre and S. Svensson, Molecular-field splitting in S2p photoelectron spectra of dimethyl sulfide and sulfur dichloride 310 (1999) 439
- Boul, P.J., J. Liu, E.T. Mickelson, C.B. Huffman, L.M. Ericson, I.W. Chiang, K.A. Smith, D.T. Colbert, R.H. Hauge, J.L. Margrave and R.E. Smalley, Reversible sidewall functionalization of buckytubes 310 (1999) 367
- Brede, O., see Dey, G.R. 310 (1999) 137
- Brena, B., see Frank, M. 310 (1999) 229
- Brewster, M.A., A.J. Apponi, J. Xin and L.M. Ziurys, Millimeter-wave spectroscopy of vibrationally-excited NaCCH ( $\tilde{X}^1\Sigma^+$ ) and MgCCH ( $\tilde{X}^2\Sigma^+$ ): the  $\nu_5$  bending mode 310 (1999) 411
- Brühwiler, P.A., see Frank, M. 310 (1999) 229
- Brüning, F., see Tegeder, P. 310 (1999) 79
- Bryant, R.G., see Dinesen, T.R.J. 310 (1999) 155
- Burghard, M., see Duesberg, G.S. 310 (1999) 8
- Bursten, B.E., see Blaudeau, J.-P. 310 (1999) 347
- Burteaux, B., A. Claye, B.W. Smith, M. Monthieux, D.E. Luzzi and J.E. Fischer, Abundance of encapsulated C<sub>60</sub> in single-wall carbon nanotubes 310 (1999) 21
- Byrne, H.J., see Duesberg, G.S. 310 (1999) 8
- Cannistraro, S., see Placidi, M. 310 (1999) 130
- Carter, R.T., A. Hallou and J.R. Huber, Photodissociation of ClNO<sub>2</sub> at 235 nm 310 (1999) 166
- Cheng, P.-Y., see Lu, C. 310 (1999) 103
- Cheng, S.-C., see Williams, K.A. 310 (1999) 31
- Chergui, M., see Helbing, J. 310 (1999) 43
- Chiang, I.W., see Boul, P.J. 310 (1999) 367
- Claye, A., see Burteaux, B. 310 (1999) 21
- Colbert, D.T., see Boul, P.J. 310 (1999) 367
- Cooper, T.M., L.V. Natarajan, L.A. Sowards and C.W. Spangler, Investigation of solvatochromism in the low-lying singlet states of dithienyl polyenes 310 (1999) 508
- Corbini, G., see Rossi, C. 310 (1999) 495
- Correale, R., see Tosi, P. 310 (1999) 180
- Corti, P., see Rossi, C. 310 (1999) 495
- Cossi, M., see Di Matteo, A. 310 (1999) 159
- Costes, M., see Naulin, C. 310 (1999) 231
- Császár, A.G., see Halkier, A. 310 (1999) 385
- Cubero, E., M. Orozco and F.J. Luque, Electron density topological analysis of the C-H...O anti-hydrogen bond in the fluoroform-oxirane complex 310 (1999) 445
- Curtiss, L.A., see Blaudeau, J.-P. 310 (1999) 347
- Dai, D. and K. Balasubramanian, Geometries and energy separations of electronic states of Pd<sub>5</sub> 310 (1999) 303
- De Belder, G., see Karni, Y. 310 (1999) 73
- Dedonder-Lardeux, C., see Martrenchard-Barra, S. 310 (1999) 173
- De Lange, A. and W. Ubachs, Observation of the  $y^1\Pi_g-c_4'^1\Sigma_u^+$  and  $k^1\Pi_g-c_4'^1\Sigma_u^+$  systems of N<sub>2</sub> 310 (1999) 471
- De Schryver, F.C., see Karni, Y. 310 (1999) 73

- Dey, G.R., R. Hermann, S. Naumov and O. Brede, Encounter geometry determines product characteristics of electron transfer from 4-hydroxythiophenol to *n*-butyl chloride radical cations 310 (1999) 137
- Dijkstra, F. and J.H. van Lenthe, Gradients in valence bond theory 310 (1999) 553
- Di Matteo, A., C. Adamo, M. Cossi, V. Barone and P. Rey, Intrinsic and environmental effects in the physico-chemical properties of nitroxides. The case of 2-phenyl-4,4,5,5-tetramethyl-4,5-dihydro-1H-imidazol-1-oxyl 3-oxide 310 (1999) 159
- Dimicoli, I., see Martrenchard-Barra, S. 310 (1999) 173
- Dinesen, T.R.J., C.-L. Teng, S. Wagner and R.G. Bryant, Order director fluctuations contribute to the low-field magnetic relaxation of dilute solutes in a nematic solvent 310 (1999) 155
- Domcke, W., see Sobolewski, A.L. 310 (1999) 548
- Donati, A., see Bastianoni, S. 310 (1999) 38
- Donati, A., see Rossi, C. 310 (1999) 495
- Dopfer, O., D. Roth and J.P. Maier, Infrared spectrum and ab initio calculations of the He-HNH<sup>+</sup> open-shell ionic complex 310 (1999) 201
- Drickamer, H.G., see Li, Y. 310 (1999) 259
- Duan, G., V.H. Smith Jr. and D.F. Weaver, An ab initio and data mining study on aromatic-amide interactions 310 (1999) 323
- Duesberg, G.S., W.J. Blau, H.J. Byrne, J. Muster, M. Burghard and S. Roth, Experimental observation of individual single-wall nanotube species by Raman microscopy 310 (1999) 8
- Eklund, P.C., see Williams, K.A. 310 (1999) 31
- Eloranta, J., see Vaskonen, K. 310 (1999) 245
- Engeln, R., K.G.Y. Letourneur, M.G.H. Boogaarts, M.C.M. van de Sanden and D.C. Schram, Detection of CH in an expanding argon/acetylene plasma using cavity ring down absorption spectroscopy 310 (1999) 405
- Ericson, L.M., see Boul, P.J. 310 (1999) 367
- Evangelisti, S., see Rossi, E. 310 (1999) 530
- Fan, K.-N., see Wang, W.-N. 310 (1999) 313
- Fang, S.L., see Williams, K.A. 310 (1999) 31
- Fischer, J.E., see Burteaux, B. 310 (1999) 21
- Fleming, G.R., see Krueger, B.P. 310 (1999) 57
- Frank, M., S. Andersson, J. Libuda, S. Stempel, A. Sandell, B. Brena, A. Giertz, P.A. Brühwiler, M. Bäumer, N. Mårtensson and H.-J. Freund, Erratum to: "Particle size dependent CO dissociation on alumina-supported Rh: a model study". [Chem. Phys. Lett. 279 (1997) 92] 310 (1999) 229
- Freund, H.-J., see Frank, M. 310 (1999) 229
- Fujimura, Y., L. González, K. Hoki, J. Manz and Y. Ohtsuki, Corrigendum to: "Selective preparation of enantiomers by laser pulses: quantum model simulation for H<sub>2</sub>POSH" [Chem. Phys. Lett. 306 (1999) 1] 310 (1999) 578
- Gajdek, P., see Pirowska, K. 310 (1999) 537
- Garscadden, A., see Jiao, C.Q. 310 (1999) 52
- Gastaldelli, A., see Bastianoni, S. 310 (1999) 38
- Gensch, T., see Karni, Y. 310 (1999) 73
- Giertz, A., see Frank, M. 310 (1999) 229
- González, L., see Fujimura, Y. 310 (1999) 578



- Granlund, T., M. Theander, M. Berggren, M. Andersson, A. Ruzeckas, V. Sundström, G. Björk, M. Granström and O. Inganäs, Corrigendum to: "A polythiophene microcavity laser". [Chem. Phys. Lett. 288 (1998) 20–24] 310 (1999) 577
- Granström, M., see Granlund, T. 310 (1999) 577
- Grégoire, G., see Martrenchard-Barra, S. 310 (1999) 173
- Grigorian, L., see Williams, K.A. 310 (1999) 31
- Grivin, V.P., see Ivanov, Y.V. 310 (1999) 252
- Guo, B., see Rashidzadeh, H. 310 (1999) 466
- Haaland, P.D., see Jiao, C.Q. 310 (1999) 52
- Hada, M., Y. Ishikawa, J. Nakatani and H. Nakatsuji, Dirac–Fock calculations of magnetic shielding constants: hydrogen molecule and hydrogen halides 310 (1999) 342
- Hager, G.D., see Manke II, G.C. 310 (1999) 111
- Halkier, A., T. Helgaker, W. Klopper, P. Jørgensen and A.G. Császár, Comment on "Geometry optimization with an infinite basis set" [J. Phys. Chem. A 103 (1999) 651] and "Basis-set extrapolation". [Chem. Phys. Lett. 294 (1998) 45)] 310 (1999) 385
- Hallou, A., see Carter, R.T. 310 (1999) 166
- Hannongbua, S., see Kerdcharoen, T. 310 (1999) 333
- Hauge, R.H., see Boul, P.J. 310 (1999) 367
- Haydar, A., see Helbing, J. 310 (1999) 43
- Helbing, J., A. Haydar and M. Chergui, Spectroscopy and energy relaxation processes of Hg<sub>2</sub> and Hg in solid Ne 310 (1999) 43
- Helgaker, T., see Halkier, A. 310 (1999) 385
- Hendrickx, M., see Arbuznikov, A.V. 310 (1999) 515
- Henshaw, T.L., see Manke II, G.C. 310 (1999) 111
- Hermann, A., see Karni, Y. 310 (1999) 73
- Hermann, R., see Dey, G.R. 310 (1999) 137
- Herrero, V.J., see Aoiz, F.J. 310 (1999) 277
- Hillier, I.H., see McNamara, J.P. 310 (1999) 265
- Hofkens, J., see Karni, Y. 310 (1999) 73
- Hoki, K., see Fujimura, Y. 310 (1999) 578
- Holmes, A.B., see Kugler, T. 310 (1999) 391
- Hsieh, R.-M.R., see Lu, C. 310 (1999) 103
- Hsu, W.K., see Kohler-Redlich, P. 310 (1999) 459
- Hu, X., see Xiao, X. 310 (1999) 240
- Huber, J.R., see Carter, R.T. 310 (1999) 166
- Huffman, C.B., see Boul, P.J. 310 (1999) 367
- Ichida, M., T. Sohda and A. Nakamura, Optical transition and ionicity of C<sub>60</sub>/amine charge-transfer complexes studied by optical spectroscopy 310 (1999) 373
- Ichihara, S., see Okuyama, H. 310 (1999) 451
- Illenberger, E., see Khrapak, A.G. 310 (1999) 557
- Illenberger, E., see Tegeder, P. 310 (1999) 79
- Inganäs, O., see Granlund, T. 310 (1999) 577
- Ishikawa, Y., see Hada, M. 310 (1999) 342
- Ivanov, Y.V., V.F. Plyusnin, V.P. Grivin and S.V. Larionov, Transient Ni(dtc)<sub>2</sub>(dte') complex in photochemistry of thiuram disulfide and dithiocarbamate Ni(II) complex solutions 310 (1999) 252
- Iwata, S., see Wang, W.-N. 310 (1999) 313

- Jamieson, M.J., Adiabatically corrected scattering lengths and effective ranges for collisions of helium atoms 310 (1999) 222
- Janssen, C.L., see Nielsen, I.M.B. 310 (1999) 568
- Janz, S., see Mitchell, S.A. 310 (1999) 361
- Jiang, W., see Xiao, X. 310 (1999) 240
- Jiao, C.Q., A. Garscadden and P.D. Haaland, Partial ionization cross-sections of  $C_2F_6$  310 (1999) 52
- Jordens, S., see Karni, Y. 310 (1999) 73
- Jørgensen, P., see Halkier, A. 310 (1999) 385
- Jouvet, C., see Martrenchard-Barra, S. 310 (1999) 173
- Kaatze, U., T. Telgmann and P. Miecznik, Solvatomer dynamics of aluminium sulfate in dimethyl sulfoxide/water mixtures 310 (1999) 121
- Kaneko, K., see Aoshima, M. 310 (1999) 1
- Karni, Y., S. Jordens, G. De Belder, G. Schweitzer, J. Hofkens, T. Gensch, M. Maus, F.C. De Schryver, A. Hermann and K. Müllen, Intramolecular evolution from a locally excited state to an excimer-like state in a multichromophoric dendrimer evidenced by a femtosecond fluorescence upconversion study 310 (1999) 73
- Kashiwagi, H., see Sato, F. 310 (1999) 523
- Kato, H., see Okuyama, H. 310 (1999) 451
- Kawabata, H., see Ohta, N. 310 (1999) 397
- Kawai, M., see Okuyama, H. 310 (1999) 451
- Kerdcharoen, T. and S. Hannongbua, Ab initio study of ion-ammonia complexes: geometry and many-body interactions 310 (1999) 333
- Khrapak, A.G., P. Tegeder, E. Illenberger and W.F. Schmidt, The energy of a negative ion in a non-polar liquid 310 (1999) 557
- King, G.C., see Yench, A.J. 310 (1999) 433
- Klopper, W., see Halkier, A. 310 (1999) 385
- Knowles, P.J., see Manby, F.R. 310 (1999) 561
- Kohler-Redlich, P., M. Terrones, C. Manteca-Diego, W.K. Hsu, H. Terrones, M. Rühle, H.W. Kroto and D.R.M. Walton, Stable  $BC_2N$  nanostructures: low-temperature production of segregated C/BN layered materials 310 (1999) 459
- Kolek, P., see Pirowska, K. 310 (1999) 537
- Kompa, K.-L., see Lang, T. 310 (1999) 65
- Kroto, H.W., see Kohler-Redlich, P. 310 (1999) 459
- Krueger, B.P., J. Yom, P.J. Walla and G.R. Fleming, Observation of the  $S_1$  state of spheroidene in LH2 by two-photon fluorescence excitation 310 (1999) 57
- Kugler, T., W.R. Salaneck, H. Rost and A.B. Holmes, Polymer band alignment at the interface with indium tin oxide: consequences for light emitting devices 310 (1999) 391
- Kunttu, H., see Vaskonen, K. 310 (1999) 245
- Lamb, D.W. and G.L.D. Ritchie, Cotton-Mouton effect, magnetizability anisotropy and molecular charge distribution of boron trichloride 310 (1999) 150
- Lang, T., K.-L. Kompa and M. Motzkus, Femtosecond CARS on  $H_2$  310 (1999) 65
- Langlois, J.-M., see Vacek, G. 310 (1999) 189
- Larionov, S.V., see Ivanov, Y.V. 310 (1999) 252
- Lee, I.-R., see Lu, C. 310 (1999) 103
- Legon, A.C., see Thumwood, J.M.A. 310 (1999) 88
- Letourneur, K.G.Y., see Engeln, R. 310 (1999) 405

- Lewis, J.E., see Biswas, R. 310 (1999) 485
- Li, Y., G. Yang, A. Zhu and H.G. Drickamer, The effect of pressure on the luminescence of poly[2-methoxy-5-(2'-ethyl hexoxy)-*p*-phenylene vinylene] [MEH-PPV] in two copolymers of vinylchloride 310 (1999) 259
- Libuda, J., see Frank, M. 310 (1999) 229
- Lim, C., see Satheesan Babu, C. 310 (1999) 225
- Liu, J., see Boul, P.J. 310 (1999) 367
- Loper, A.L., see Williams, K.A. 310 (1999) 31
- Lopes, M.C.A., see Yench, A.J. 310 (1999) 433
- Lu, C., R.-M.R. Hsieh, I.-R. Lee and P.-Y. Cheng, Ultrafast dynamics of gas-phase excited-state intramolecular proton transfer in 1-hydroxy-2-acetonaphthone 310 (1999) 103
- Lu, W., see Tosi, P. 310 (1999) 180
- Luque, F.J., see Cubero, E. 310 (1999) 445
- Luzzi, D.E., see Burteaux, B. 310 (1999) 21
- MacDonald, M.A., see Yench, A.J. 310 (1999) 433
- Madden, T.J., see Manke II, G.C. 310 (1999) 111
- Maier, J.P., see Dopfer, O. 310 (1999) 201
- Malliaris, A., see Pistolis, G. 310 (1999) 501
- Manby, F.R. and P.J. Knowles, A real-space perturbation theory for electronic correlation 310 (1999) 561
- Manke II, G.C., T.L. Henshaw, T.J. Madden and G.D. Hager, Temperature dependence of the Cl + HN<sub>3</sub> reaction from 300 to 480 K 310 (1999) 111
- Manteca-Diego, C., see Kohler-Redlich, P. 310 (1999) 459
- Manz, J., see Fujimura, Y. 310 (1999) 578
- Marchettini, N., see Bastianoni, S. 310 (1999) 38
- Margrave, J.L., see Boul, P.J. 310 (1999) 367
- Maroncelli, M., see Biswas, R. 310 (1999) 485
- Mårtensson, N., see Frank, M. 310 (1999) 229
- Martin, J.M.L., Heat of atomization of sulfur trioxide, SO<sub>3</sub>: a benchmark for computational thermochemistry 310 (1999) 271
- Martín, M.E., see Sánchez, M.L. 310 (1999) 195
- Martínez-Núñez, E. and S.A. Vázquez, A statistical study of the methyl nitrite isomerization reaction: inverse secondary isotope effects 310 (1999) 209
- Martini, S., see Bastianoni, S. 310 (1999) 38
- Martrenchard-Barra, S., C. Dedonder-Lardeux, C. Jouvet, D. Solgadi, M. Vervloet, G. Grégoire and I. Dimicoli, Proton-transfer reaction in the ground state of phenol-ammonia clusters: an experimental study 310 (1999) 173
- Maus, M., see Karni, Y. 310 (1999) 73
- Maynau, D., see Rossi, E. 310 (1999) 530
- McNamara, J.P., G. Tresadern and I.H. Hillier, The facile decomposition of chlorine nitrate in small water clusters 310 (1999) 265
- Meyer, G., see Zöphel, S. 310 (1999) 145
- Mickelson, E.T., see Boul, P.J. 310 (1999) 367
- Miecznik, P., see Kaatz, U. 310 (1999) 121
- Mitchell, S.A., S. Janz and J.A. Bardwell, Effect of photogenerated carriers on electric field-induced second harmonic generation from Si(001) in an electrochemical cell 310 (1999) 361
- Mons, M., E.G. Robertson, L.C. Snoek and J.P. Simons, Conformations of 2-phenylethanol and its singly hydrated complexes: UV-UV and IR-UV ion-dip spectroscopy 310 (1999) 423



- Monthieux, M., see Burteaux, B. 310 (1999) 21  
 Motzkus, M., see Lang, T. 310 (1999) 65  
 Müllen, K., see Karni, Y. 310 (1999) 73  
 Muster, J., see Duesberg, G.S. 310 (1999) 8
- Najbar, J., see Pirowska, K. 310 (1999) 537  
 Nakamura, A., see Ichida, M. 310 (1999) 373  
 Nakatani, J., see Hada, M. 310 (1999) 342  
 Nakatsuji, H., see Hada, M. 310 (1999) 342  
 Natarajan, L.V., see Cooper, T.M. 310 (1999) 508  
 Naulin, C. and M. Costes, Crossed-beam study of the  $\text{Al}(^2\text{P}_{1/2,3/2}) + \text{O}_2(\text{X}^3\Sigma_g^-) \rightarrow \text{AlO}(\text{X}^2\Sigma^+) + \text{O}(^3\text{P}_j)$  reaction at low and very low kinetic energies 310 (1999) 231  
 Naumov, S., see Dey, G.R. 310 (1999) 137  
 Nielsen, I.M.B. and C.L. Janssen, Double-substitution-based diagnostics for coupled-cluster and Møller–Plesset perturbation theory 310 (1999) 568
- Ohta, N., H. Kawabata, S. Umeuchi and I. Yamazaki, Efficient fatigue of excimer fluorescence by an electric field and generation of electroluminescence of 1,3-bis-(1-pyrenyl)propane in a PMMA polymer film 310 (1999) 397  
 Ohtsuki, Y., see Fujimura, Y. 310 (1999) 578  
 Okamoto, Y., A new dioxin decomposition process based on a hybrid density-functional calculation 310 (1999) 355  
 Okazaki, I., see Sato, F. 310 (1999) 523  
 Okuyama, H., S. Ichihara, H. Kato, J. Yoshinobu and M. Kawai, Molecular rearrangement induced by hydrogen co-adsorption:  $\text{C}_2\text{H}_4$  on Pd(110) 310 (1999) 451  
 Olivares del Valle, F.J., see Sánchez, M.L. 310 (1999) 195  
 Orozco, M., see Cubero, E. 310 (1999) 445  
 Orr-Ewing, A.J., see Ascenzi, D. 310 (1999) 477
- Parusel, A., see Pirowska, K. 310 (1999) 537  
 Perry, J.K., see Vacek, G. 310 (1999) 189  
 Picqué, N., Wide-band spectroscopic investigation of the state-to-state dependence of the  $\text{ArH}^+$  ion average mobility in a Ar/He plasma 310 (1999) 183  
 Pieper, J., J. Voigt, G. Renger and G.J. Small, Analysis of phonon structure in line-narrowed optical spectra 310 (1999) 296  
 Pirowska, K., A. Parusel, J. Najbar, P. Kolek and P. Gajdek, The LIF excitation spectra of jet-cooled 3-aminobiphenyl 310 (1999) 537  
 Pistolis, G. and A. Malliaris, Limitations on the determination of the stoichiometry and equilibrium constants of weak complexes by computer fitting methods: experimental verification 310 (1999) 501  
 Placidi, M. and S. Cannistraro, Dynamic light scattering evidence of a 'fragile' character of protein aqueous solutions 310 (1999) 130  
 Plyusnin, V.F., see Ivanov, Y.V. 310 (1999) 252
- Rashidzadeh, H. and B. Guo, Generation of large gas-phase silver cluster ions by laser desorption/ionization of silver-containing salts 310 (1999) 466  
 Reed, D.T., see Blaudeau, J.-P. 310 (1999) 347  
 Regan, P.M., see Ascenzi, D. 310 (1999) 477

- Renger, G., see Pieper, J. 310 (1999) 296  
Repp, J., see Zöphel, S. 310 (1999) 145  
Rey, P., see Di Matteo, A. 310 (1999) 159  
Reynhardt, E.C., see Terblanche, C.J. 310 (1999) 97  
Rieder, K.H., see Zöphel, S. 310 (1999) 145  
Ritchie, G.L.D., see Lamb, D.W. 310 (1999) 150  
Robertson, E.G., see Mons, M. 310 (1999) 423  
Rossi, C., S. Bastianoni, C. Bonechi, G. Corbini, P. Corti and A. Donati, Ligand-protein recognition studies as determined by nuclear relaxation analysis 310 (1999) 495  
Rossi, C., see Bastianoni, S. 310 (1999) 38  
Rossi, E., G.L. Bendazzoli, S. Evangelisti and D. Maynau, A full-configuration benchmark for the  $N_2$  molecule 310 (1999) 530  
Rost, H., see Kugler, T. 310 (1999) 391  
Roth, D., see Dopfer, O. 310 (1999) 201  
Roth, S., see Duesberg, G.S. 310 (1999) 8  
Rühle, M., see Kohler-Redlich, P. 310 (1999) 459  
Ruud, K., B. Schimmelpfennig and H. Ågren, Internal and external heavy-atom effects on phosphorescence radiative lifetimes calculated using a mean-field spin-orbit Hamiltonian 310 (1999) 215  
Ruzeckas, A., see Granlund, T. 310 (1999) 577  
  
Sæthre, L.J., see Børve, K.J. 310 (1999) 439  
Salaneck, W.R., see Kugler, T. 310 (1999) 391  
Sánchez, M.L., M.E. Martín, M.A. Aguilar and F.J. Olivares del Valle, Solvent effects on the  $^1(n, \pi^*)$  transition of formaldehyde in liquid water. A QM/MM study using the mean field approximation 310 (1999) 195  
Sandell, A., see Frank, M. 310 (1999) 229  
Satheesan Babu, C. and C. Lim, A new interpretation of the effective Born radius from simulation and experiment 310 (1999) 225  
Sato, F., T. Yoshihiro, I. Okazaki and H. Kashiwagi, An all-electron calculation of an antihypertensive protein with the Gaussian-based density functional method 310 (1999) 523  
Schimmelpfennig, B., see Ruud, K. 310 (1999) 215  
Schmidt, W.F., see Khrapak, A.G. 310 (1999) 557  
Schram, D.C., see Engeln, R. 310 (1999) 405  
Schweitzer, G., see Karni, Y. 310 (1999) 73  
Silbey, R., see Barkai, E. 310 (1999) 287  
Simons, J.P., see Mons, M. 310 (1999) 423  
Small, G.J., see Pieper, J. 310 (1999) 296  
Smalley, R.E., see Boul, P.J. 310 (1999) 367  
Smith, B.W., see Burteaux, B. 310 (1999) 21  
Smith, K.A., see Boul, P.J. 310 (1999) 367  
Smith Jr., V.H., see Duan, G. 310 (1999) 323  
Snoek, L.C., see Mons, M. 310 (1999) 423  
Sobolewski, A.L. and W. Domcke, Potential-energy function for intramolecular proton transfer in the malonaldehyde cation 310 (1999) 548  
Sohda, T., see Ichida, M. 310 (1999) 373  
Solgadi, D., see Martrenchard-Barra, S. 310 (1999) 173  
Song, L., see Xiao, X. 310 (1999) 240



- Sowards, L.A., see Cooper, T.M. 310 (1999) 508  
Spangler, C.W., see Cooper, T.M. 310 (1999) 508  
Stempel, S., see Frank, M. 310 (1999) 229  
Sumanasekera, G.U., see Williams, K.A. 310 (1999) 31  
Sundström, V., see Granlund, T. 310 (1999) 577  
Suo, Z., see Wei, X. 310 (1999) 15  
Suzuki, T., see Aoshima, M. 310 (1999) 1  
Svensson, S., see Børve, K.J. 310 (1999) 439
- Tachibana, M., see Williams, K.A. 310 (1999) 31  
Tang, H.-R., see Wang, W.-N. 310 (1999) 313  
Tegeder, P., F. Brünig and E. Illenberger, Formation and evolution of negative ion resonances in gas-phase and condensed-phase  $\text{CHFCI}_2$  310 (1999) 79  
Tegeder, P., see Khrapak, A.G. 310 (1999) 557  
Telgmann, T., see Kaatz, U. 310 (1999) 121  
Teng, C.-L., see Dinesen, T.R.J. 310 (1999) 155  
Terblanche, C.J., E.C. Reynhardt and J.A. van Wyk,  $^{13}\text{C}$  spin-lattice relaxation in natural type-IIb semiconducting diamond 310 (1999) 97  
Terrones, H., see Kohler-Redlich, P. 310 (1999) 459  
Terrones, M., see Kohler-Redlich, P. 310 (1999) 459  
Theander, M., see Granlund, T. 310 (1999) 577  
Thumwood, J.M.A. and A.C. Legon, A  $\pi$ -electron donor-acceptor complex of ethene and iodine monochloride: geometry, binding strength and charge redistribution determined by rotational spectroscopy 310 (1999) 88  
Tian, J., see Xiao, X. 310 (1999) 240  
Tosi, P., W. Lu, R. Correale and D. Bassi, Production of the molecular dication  $\text{ArC}^{2+}$  by ion-molecule reactions 310 (1999) 180  
Tresadern, G., see McNamara, J.P. 310 (1999) 265
- Ubachs, W., see De Lange, A. 310 (1999) 471  
Umeuchi, S., see Ohta, N. 310 (1999) 397
- Vacek, G., J.K. Perry and J.-M. Langlois, Advanced initial-guess algorithm for self-consistent-field calculations on organometallic systems 310 (1999) 189  
Van de Sanden, M.C.M., see Engeln, R. 310 (1999) 405  
Van Lenthe, J.H., see Dijkstra, F. 310 (1999) 553  
Vanquickenborne, L.G., see Arbuznikov, A.V. 310 (1999) 515  
Van Wyk, J.A., see Terblanche, C.J. 310 (1999) 97  
Vaskonen, K., J. Eloranta and H. Kunttu, Trapping of laser-vaporized alkali metal atoms in rare-gas matrices 310 (1999) 245  
Vázquez, S.A., see Martínez-Núñez, E. 310 (1999) 209  
Vervloet, M., see Martrenchard-Barra, S. 310 (1999) 173  
Voigt, J., see Pieper, J. 310 (1999) 296
- Wagner, S., see Dinesen, T.R.J. 310 (1999) 155  
Walla, P.J., see Krueger, B.P. 310 (1999) 57  
Walton, D.R.M., see Kohler-Redlich, P. 310 (1999) 459  
Wang, W.-N., H.-R. Tang, K.-N. Fan and S. Iwata, Theoretical studies of  $[\text{Si}_4\text{NO}]^-$  clusters with ab initio MO and DFT methods 310 (1999) 313

- Weaver, D.F., see Duan, G. 310 (1999) 323
- Wei, X., Z. Suo, G. Yin and Z. Xu, Alkali-earth metal fullerenes  $\text{Ca}(\text{C}_{60})_2$  and  $\text{Ba}(\text{C}_{60})_2$ : a new solution-phase method for the preparation and characterization with ESR, UV-NIR, IR and Raman spectroscopy 310 (1999) 15
- Weisman, R.B., see Benedetto, A.F. 310 (1999) 25
- Williams, J.H., see Williams, K.A. 310 (1999) 31
- Williams, K.A., M. Tachibana, J.L. Allen, L. Grigorian, S.-C. Cheng, S.L. Fang, G.U. Sumanasekera, A.L. Loper, J.H. Williams and P.C. Eklund, Single-wall carbon nanotubes from coal 310 (1999) 31
- Xiao, X., W. Jiang, L. Song, J. Tian and X. Hu, Study on the crystallization behavior of amorphous carbon nitride films 310 (1999) 240
- Xie, R.H., Large third-order optical non-linearities in boron- or nitrogen-doped zigzag nanotube 310 (1999) 379
- Xin, J., see Brewster, M.A. 310 (1999) 411
- Xu, Z., see Wei, X. 310 (1999) 15
- Yamazaki, I., see Ohta, N. 310 (1999) 397
- Yang, G., see Li, Y. 310 (1999) 259
- Yencha, A.J., M.C.A. Lopes, M.A. MacDonald and G.C. King, Threshold photoelectron spectroscopy of HF in the inner valence ionization region 310 (1999) 433
- Yin, G., see Wei, X. 310 (1999) 15
- Yom, J., see Krueger, B.P. 310 (1999) 57
- Yoshihiro, T., see Sato, F. 310 (1999) 523
- Yoshinobu, J., see Okuyama, H. 310 (1999) 451
- Zhu, A., see Li, Y. 310 (1999) 259
- Ziurys, L.M., see Brewster, M.A. 310 (1999) 411
- Zöphel, S., J. Repp, G. Meyer and K.H. Rieder, Determination of binding sites in ordered phases of CO/Cu(211) employing molecular level manipulation 310 (1999) 145
- Zygmunt, S.A., see Blaudeau, J.-P. 310 (1999) 347

